

Marine No.	Location	Operation	Program	Configuration	Build Target	Remarks
PK-111	Assembly	Rebuild	Temperature Profile	Diffuser C.O. trip, extended I.D.; burner cans relocated between diffuser struts.	2/15	Evaluate long range production fixes.
PK-112	Assembly	Rebuild	Endurance and Temperature Profile (Replacing ID-1)	Diffuser C.O. trip, extended I.D., strut trip (from ID-1); new burner cans matched to this diffuser.	2/19	Evaluate durability using quick fix diffuser with new matched burner cans.
PK-113	4-5 Stand	Hot Section Inspection	Performance and Temperature Profile	Diffuser C.O. trip, extended I.D., strut trip; new burner cans matched to diffuser (like PK-112)	---	Evaluate performance using quick fix diffuser with new matched burner cans. To follow PK-112 into 0-5 altitude stand.
PK-114	Assembly	Rebuild	Endurance	Diffuser C.O. trip, extended I.D., strut trip; new burner cans matched to diffuser (like PK-112, 113). Bolted compressor rotor. Latest available controls.	2/23	Evaluate durability using quick fix diffuser with new matched burner cans, bolted compressor rotor, latest controls.
PK-115	0-5 Stand	On Test	Compressor Durability	Older diffuser without extended I.D. or strut trips; older burner cans. (Similar to latest configuration cited on 1-4-62). Bolted compressor rotor. Integrated control system using non-production hardware.	---	Evaluate bleed bypass effects on temperature profile, bolted rotor durability under surge, EG stability.
PK-116 (P-2)	4-5 Stand	On Test	Injector than Hartford test stand skeleton	Not a 2-20 development engine.	---	Injector test in process.

Engine No.	Location	Operation	Program	Configuration		Target	Remarks
				Old	New		
ID-113	A-1 Stand	On Test	Controls Development	Old diffuser and burner cans. Rottail control system.	—	—	Replaces ID-2, check out Rottail control system.
ID-1	Returned To Assembly from A-1 Stand	Rebuild	Compressor Structural Evaluation and Reinforcement	To incorporate heavy turbine vibration dampers as a result of ID-2 experience. (All other engines now have heavy dampers). Also to have bolted compressor rotor. Diffuser configuration not established.	Not Yet Established	Just returned to assembly for heavy dampers. Next program to run strain gage on bolted rotor to evaluate stress levels.	
ID-2	Returned To Assembly from A-1 Stand	Rebuild	Controls Development	To rebuild turbine with heavy vibration dampers. Also to have bolted compressor rotor. Diffuser configuration not established.	Not Yet Established	Turbine blade failure at 94 hours believed due incomplete light weight dampers.	
ID-3	A-2 Stand	On Test	Initial Delivery Engine - Green Run	Older diffuser/burner can configuration similar to ID-1. (Revised diffuser and burner cans not yet established together with bolted rotor to be incorporated after green run). Rottail control system.	—	Green run with Rottail control system.	